



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/089,473A

DATE: 11/06/2003

TIME: 12:15:54

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\11062003\J089473A.raw

3 <110> APPLICANT: CHUNG, Kwang-Hoe
 4 KIM, Doo-Sik
 5 KOH, You-Seok
 6 SOHN, Young-Dong
 7 YOU, Weon-Kyoo
 8 JANG, Yang-Soo
 9 HUH, Chin-Kyu

11 <120> TITLE OF INVENTION: NOVEL PROTEIN DERIVED FROM AGKISTRODON SAXATILIS EMELIANOV
 AND PROCESS

12 FOR PREPARING THE SAME

14 <130> FILE REFERENCE: 0136/0K432US0

16 <140> CURRENT APPLICATION NUMBER: US 10/089,473A

C--> 17 <141> CURRENT FILING DATE: 2003-10-15

19 <160> NUMBER OF SEQ ID NOS: 10

21 <170> SOFTWARE: PatentIn version 3.1

23 <210> SEQ ID NO: 1

24 <211> LENGTH: 73

25 <212> TYPE: PRT

26 <213> ORGANISM: Agkistrodon saxatilis emelianov

28 <400> SEQUENCE: 1

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 31 1 5 10 15

34 Asp Ala Ala Thr Cys Lys Leu Arg Pro Gly Ala Gln Cys Ala Glu Gly
 35 20 25 30

38 Leu Cys Cys Asp Gln Cys Arg Phe Met Lys Glu Gly Thr Ile Cys Arg
 39 35 40 45

42 Met Ala Arg Gly Asp Asp Met Asp Asp Tyr Cys Asn Gly Ile Ser Ala
 43 50 55 60

46 Gly Cys Pro Arg Asn Pro Phe His Ala
 47 65 70

50 <210> SEQ ID NO: 2

51 <211> LENGTH: 213

52 <212> TYPE: DNA

53 <213> ORGANISM: Agkistrodon saxatilis emelianov

55 <400> SEQUENCE: 2

56 ggagaagaat gtgactgtgg cgctcctgca aatccgtgct gcgatgctgc aacctgtaaa	60
58 ctgagaccag gggcgcaagtg tgcagaagga ctgtttgtg accagtgcag atttatgaaa	120
60 gaaggaacaa tatgccggat ggcaagggggt gatgacatgg atgattactg caatggcata	180
62 tctgctggct gtccccagaaa tccttccat gcc	213

65 <210> SEQ ID NO: 3

66 <211> LENGTH: 20

67 <212> TYPE: DNA

68 <213> ORGANISM: Artificial Sequence

70 <220> FEATURE:

ENTERED

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Input Set : A:\PTO.KD.txt

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147 <210> SEQ ID NO: 9
148 <211> LENGTH: 12
149 <212> TYPE: PRT
150 <213> ORGANISM: Agkistrodon saxatilis emelianov
152 <400> SEQUENCE: 9
154 Gly Glu Cys Asp Cys Gly Ala Pro Ala Asn Pro
155 1 5 10
158 <210> SEQ ID NO: 10
159 <211> LENGTH: 73
160 <212> TYPE: PRT
161 <213> ORGANISM: Agkistrodon halys brevicaudus
163 <400> SEQUENCE: 10
165 Glu Ala Gly Glu Cys Asp Cys Gly Ser Pro Gly Asn Pro Cys Cys
166 1 5 10 15
169 Asp Ala Ala Thr Cys Lys Leu Arg Gln Gly Ala Gln Cys Ala Glu Gly
170 20 25 30
173 Leu Cys Cys Asp Gln Cys Arg Phe Met Lys Glu Gly Thr Ile Cys Arg
174 35 40 45
177 Arg Ala Arg Gly Asp Asp Leu Asp Asp Tyr Cys Asn Gly Ile Ser Ala
178 50 55 60
181 Gly Cys Pro Arg Asn Pro Phe His Ala
182 65 70

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 3